

SOUTHERN ILLINOIS FLORA: RECENT ADDITIONS.—Field collections during the past summer (1954) have resulted in the addition of several new specimens to the herbarium of Southern Illinois University and constitute additions to the known flora of Illinois, based on the listings of Jones' Flora of Illinois (1950).

A new cup-grass, *Eriochloa contracta* Hitchc., was found in considerable abundance on the roadside and low ground near the levee of the Pine Hills recreation area of Union County, Ill. The 8th edition of Gray's Manual gives the range of this species as follows: La. to N.M., Kansas; adv. in Mo. and Va. The specimens were collected Oct. 13, 1954. Specimens have been deposited at the herbaria of the University of Illinois, The Illinois State Museum, and the U. S. National Herbarium. The determination was verified by staff members of the U. S. National Herbarium.

Early in the fall of 1954, a conversation with Dr. L. S. Minckler, Silviculturist, U. S. Forestry Service, Carbondale Research Center, revealed that he had seen what he thought was an American Holly tree, *Ilex opaca* Ait., in Union County. On Sept. 25, he brought a specimen (not flowering or fruiting) to me for my opinion as to its identity. As well as one can tell in the absence of flowers or fruits it does seem to be *Ilex opaca*. Dr. Minckler suggests that its location is such that it must be naturally occurring in southern Illinois. The place of collection is near Alto Pass in Ramberger Hollow. The American Holly is listed in Gray's Manual of Botany, 8th edition, for southern Illinois and the neighboring states of Kentucky, Missouri, southern Ohio and southeastward. The specimen is deposited in the herbarium of southern Illinois University.

An exploration of land abandoned following coal stripping operations in Perry County, on the land of the Truax-Traer Coal company about 5 miles south of Pinckneyville, Illinois, has resulted in the discovery of a colony of smooth-leaved *Silphium terebinthinaceum* Jacq. The upper surface of the leaf was more or less completely smooth except for a narrow fringe around the edge of the leaf. The leaves were typically rough-hairy beneath. Correspondence with Dr. E. Lucy Braun for whom the smooth-leaved variety was named and subsequent checking

of the material by Dr. Braun and by Dr. Julian Steyermark reveals that Steyermark considers our material referable to *Silphium terebinthinaceum* Jacq. var. *Lucy-Brauniae* Steyermark. The previously known stations for this taxon are in Adams County, Ohio, the area of the type; Rowan County, Ky., Pendleton County, Ky; Oktibbeha County, Mississippi, and from Lord's Park near Elgin, Illinois.¹ Our specimens were somewhat smaller in stature than is usual for typical *S. terebinthinaceum*. The plants were in bud at the time of collection which was August 4, 1954.

One of the most interesting plants discovered the past season was *Trichachne insularis* (L.) Nees, found one-half mile south of the village of Cambria in Williamson County. This plant was not listed in Gray's Manual, 8th ed., and the range as given in Hitchcock's Manual of the Grasses of the United States (1950) is: Florida, Alabama (Mobile), southern Texas, southern Arizona; Mexico; West Indies to Argentina. A small clump was found by the roadside and in my excitement I pulled all of the material for specimens. Unfortunately we shall never know if it would have survived there. Judging from the range it is very doubtful that it could have survived our winters. Owing to the situation then it would not be correct to make it an addition to our flora. Its occurrence here is nevertheless interesting. The plants were growing well and had produced seed. It will be interesting to watch the location for possible germination of seed next year. The specimens were deposited in the herbaria of the University of Illinois, Illinois State Museum and U. S. National Museum. Workers at the last mentioned institution verified the determination. The date of collection was Oct. 13, 1954. JOHN W. VOIGT, SO. ILL. UNIVERSITY, CARBONDALE, ILL.

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¹ Steyermark, Julian A., 1951. A glabrous variety of *Silphium terebinthinaceum*, *RHODORA* 53: 133-35. 1951.